Configuration SWU: SysProcess Command

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1 Purpose

Certain applications require the CODESYS runtime to execute operating system commands through the SysProcess component. By default, execution of operating system commands may be restricted by the runtime configuration.
This configuration allows the SysProcess component to execute all operating system commands requested by the application.
Without this configuration, applications that rely on SysProcess for command execution may not function as intended.

2 Usage

2.1 Preconditions

The following prerequisites must be fulfilled before installing the SWU package:

- The **CODESYS Control SL for Weidmüller u-OS** app is installed on the device.
- **SWUpdate file verification** is disabled.

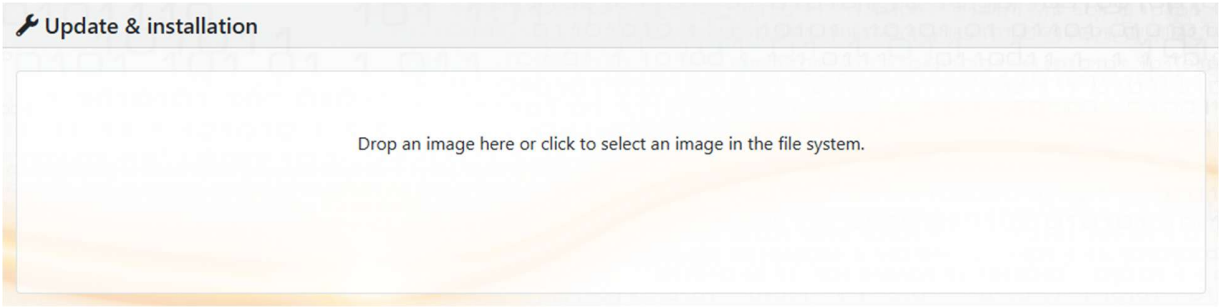
Navigate to:
u-OS Control Center → Software & Updates → Update & Installation → SWUpdate File Verification

Note:
By default, SWUpdate file verification is enabled. The provided SWU package is not digitally signed and will therefore be rejected if verification remains enabled.

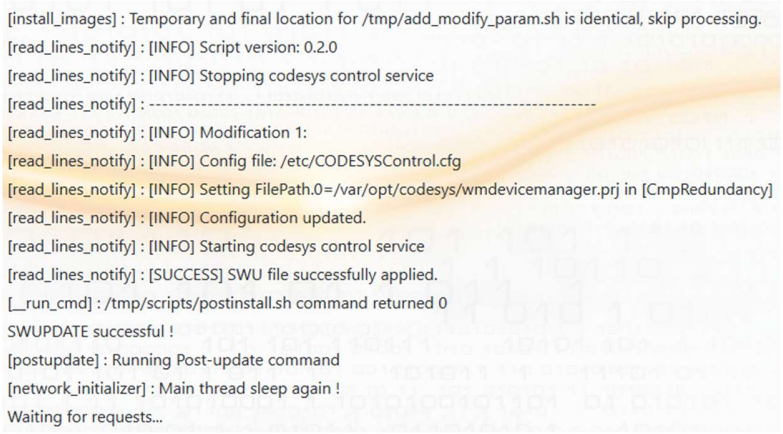
2.2 Installation

Navigate to:
u-OS Control Center → Software & Updates → Update & Installation

Upload the provided SWU package and start the installation process.



The installation progress can be monitored in the Messages log.



2.3 Post-Installation

After successful installation it is recommended to re-enable **SWUpdate File Verification**.
Navigate to:
u-OS Control Center → Software & Updates → Update & Installation → SWUpdate File Verification
Enable the option again to restore the default security configuration of the device.